

Laser Microfabrication Systems

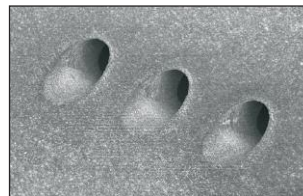


Amada Miyachi America offers a broad range of laser sources and system platforms for a wide variety of laser micro machining applications including polymer drilling, ceramic processing, and cutting lithium ion battery electrodes. Our in-house applications laboratory is equipped with femtosecond, picosecond, and nanosecond laser sources to ensure selection of the laser best suited for the application. This specific application knowledge and know-how forms the foundation for the configuration of the system, with all key process features understood and applied in the final solution.

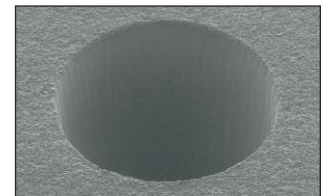
KEY FEATURES

- Cutting, drilling, ablating, scribing, micro marking and texturing
- Polymers, metals, glass and ceramic
- Microsecond, nanosecond, picosecond & femtosecond lasers
- 355, 532, 1030, 1064, 1070, 10604 nm lasers
- In-house micro machining applications lab
- Fully integrated stage and scan head motion
- Mechanically isolated granite platforms
- Extraction solutions for nano-particles
- Focus control and verification tools
- Vision
- Part process data acquisition
- Laser monitoring
- Tooling

TYPICAL APPLICATIONS



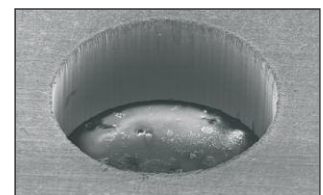
Angled hole drilling



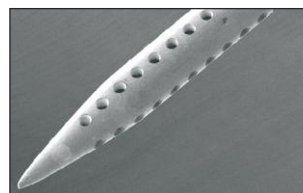
Drilling glass and ceramic



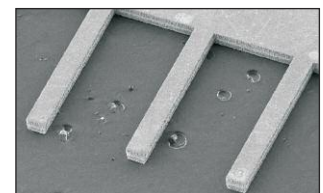
Wire stripping



Drilling titanium



Medical cannula processing



Metal machining


AMADA MIYACHI AMERICA, INC.

1820 S. Myrtle Ave. • Monrovia, CA 91016 US
 T: (626) 303-5676 • F: (626) 358-8048
info@amadamiyachi.com • www.amadamiyachi.com
 ISO 9001 Certified Company • 24/7 Repair Service: 1-866-751-7378

AMERICAS

**AMADA MIYACHI
 AMERICA (Midwest Office)**
 Detroit, Michigan
 T: (248) 313-3078
midwestsales@amadamiyachi.com

**AMADA MIYACHI DO
 BRASIL LTDA.**
 São Paulo, Brasil
 T: +55-11-4193-3607
antonio.ruiz@amadamiyachi.com

**AMADA MIYACHI
 AMERICA (Mexico Office)**
 El Paso, Texas
 T: (915) 881-8765
mxsales@amadamiyachi.com

EUROPE

**AMADA MIYACHI
 EUROPE GmbH**
 Munich, Germany
 T: +49-89-839403-0
infode@amadamiyachi.eu

ASIA

AMADA MIYACHI CO., LTD.
 Isehara, Japan
 T: +81-4-7125-6177
sales@miyachi.com

**AMADA MIYACHI
 SHANGHAI CO., LTD.**
 Shanghai, China
 T: +86-21-6448-6000
jwu@msc.miyachi.com

**AMADA MIYACHI
 KOREA CO., LTD.**
 Seoul, Korea
 T: +82-31-8015-6810
dykim@mkc.miyachi.com

**AMADA MIYACHI
 TAIWAN CO., LTD.**
 Taipei, Taiwan
 T: +886-2-2585-0161

**AMADA
 (THAILAND) CO., LTD.**
 Bangkok, Thailand
 T: +66-2170-5900
info@mtl.miyachi.com

**AMADA
 VIETNAM CO., LTD.**
 Ha Noi, Vietnam
 T: +84-4-6261-4583

**AMADA MIYACHI
 INDIA PVT., LTD.**
 Bangalore, India
 T: +91-80-4092-1749
info@miyachiindia.com

Specifications subject to change without notice. Copyright© 2018 AMADA MIYACHI AMERICA, INC. The material contained herein cannot be reproduced or used in any other way without the express written permission of AMADA MIYACHI AMERICA, INC. All rights reserved.

follow us on:

